

## ABSTRACT OF THE DISCLOSURE

The present invention efficiently compresses image data, and stores and manages the compressed data.

- 5 Image data is compressed in tile unit having predetermined pixels and data packing is performed. The compressed data is compared with compressed data of a preceding packet. If these compressed data are different, the packet data is stored in a memory, and
- 10 an entry address of the compressed data is stored in a packet table. Meanwhile, if the compressed data is equal to the compressed data of the preceding packet, the compressed data is not stored, but an entry address of the compressed data of the preceding packet is
- 15 stored in a record of interest in the packet table, and a flag indicative of repetition of the preceding address is set in the packet of interest.